

**METHOD AND APPARATUS PROVIDING PERFORMANCE
IMPROVEMENT FOR GPRS NEIGHBOUR CELL MEASUREMENT
REPORTING WHEN PACKET BROADCAST CONTROL CHANNEL IS NOT
AVAILABLE**

ABSTRACT OF THE DISCLOSURE

A method operates, in at least one network control mode of operation (preferably NC2), for determining in a MS if a cell to which the MS is currently assigned has a first type of broadcast control channel (the PBCCH) and, if the cell does have the first type of broadcast control channel, for sending a PACKET MEASUREMENT REPORT message to the network for reporting on neighbour cells identified in a list received from the PBCCH. If the cell does not have the PBCCH, the method instead sends a PACKET MEASUREMENT REPORT message to the network for reporting on neighbour cells identified in a list received from a second type of broadcast control channel (BCCH). The type of list used by the MS is one of implicitly specified by the PACKET MEASUREMENT REPORT message, or is explicitly specified by the PACKET MEASUREMENT REPORT message.